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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Bridgham, et al.

SERIAL NO.: 09/424,028

FILED: November 16, 1999

FOR: SYSTEM AND APPARATUS FOR
SEQUENTIAL PROCESSING OF ANALYTES

EXAMINER: Unknown

ART UNIT: Unknown



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Supplemental Preliminary Amendment

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination, please amend the application as follows:

IN THE CLAIMS:

Please add claims 30-34 as follows:

--30. A flow chamber for immobilizing microparticles in a monolayer, the flow chamber comprising:

3B
a body having an inlet at one end and an outlet at another end, and the body having a dam adjacent to the outlet, the dam preventing the passage of the microparticles through said outlet whenever fluid passes through said flow chamber from said inlet to said outlet; and

a planar cavity in fluid communication with the inlet and the outlet, the planar cavity having a floor and an optically